

Pest Profile



Photo credit: Sitophilus granarius, Public Domain, via wikicommons.org

Common Name: Granary Weevil

Scientific Name: *Sitophilus granarius*

Order and Family: Coleoptera: Curculionidae

Size and Appearance: Adult weevils are roughly 3-5 mm in length, and are generally reddish-brown in color and often have pits on thorax. A snout, a typical feature of a weevil, is shorter and wider in the male than the female. Larvae are 4 mm in length, c-shaped, cream-colored, and have dark heads.

| | Length (mm) | Appearance |
|----------------------|--|---|
| Egg | < 0.05 mm in length | White, round, 36-254 laid inside of kernel of grain by female. Sealed with gelatinous material. |
| Larva/Nymph | 0.5-4 mm in length depending on instar | 4 mm long, c-shaped, no legs, dark head, yellowish-white. 4 instars. |
| Adult | 3-5 mm in length | Reddish-brown, pits on thorax, snout shorter in males. |
| Pupa (if applicable) | 4-6 mm long | Pupal cased formed from the last larval skin and takes place within the seed. |

Type of feeder (Chewing, sucking, etc.): Chewing

Host /stored food products: *Stiophilus granarius* consume and reproduce in most varieties of stored grain product.

Description of Damage (larvae and adults): The species bores into grains and eats the developing endosperm, reducing value, weight, and making it not fit for consumption.

References:

Smith, E.H. and Whitman, R.C. (2007). Stored Product Pests- Granary Weevil. In *NPMA Field Guide of Structural Pests*. (9.25.1). National Pest Management Association International.

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